



CERTIFICATE OF ACCREDITATION



Applus RTD USA, Inc.

in


Richland, Washington, USA

has demonstrated proficiency for the testing of construction materials and has conformed to the requirements established in AASHTO R 18 and the AASHTO Accreditation policies established by the AASHTO Committee on Materials and Pavements.

The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories (aashtoresource.org).



Jim Tymon,
AASHTO Executive Director



Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 09/14/2021 at 9:41 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

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Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	10/30/2013
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	10/30/2013
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	10/31/2013
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	10/30/2013
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	10/30/2013
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	10/30/2013
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/30/2013
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/30/2013
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/31/2013
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/30/2013



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Asphalt Mixture

Standard:

Accredited Since:

R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	12/19/2019
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	10/30/2013
T30	Mechanical Analysis of Extracted Aggregate	10/30/2013
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	10/30/2013
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	10/30/2013
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	10/30/2013
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	10/30/2013
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	12/19/2019
T355	Density of Bituminous Concrete In Place by Nuclear Methods	12/19/2019
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	10/30/2013
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	10/30/2013
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	10/30/2013
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	10/30/2013
D5444	Mechanical Analysis of Extracted Aggregate	10/30/2013
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	10/30/2013
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	10/30/2013



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	10/30/2013
T88	Particle Size Analysis of Soils by Hydrometer	12/19/2019
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	10/30/2013
T90	Plastic Limit of Soils (Atterberg Limits)	10/30/2013
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/30/2013
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/30/2013
T191	Density of Soil In-Place by the Sand Cone Method	10/30/2013
T265	Laboratory Determination of Moisture Content of Soils	10/30/2013
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	10/30/2013
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	10/30/2013
D422	Particle Size Analysis of Soils by Hydrometer	12/19/2019
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/30/2013
D1140	Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	10/30/2013
D1556	Density of Soil In-Place by the Sand Cone Method	10/30/2013
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/30/2013
D2216	Laboratory Determination of Moisture Content of Soils	10/30/2013
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	10/30/2013
D2488	Description and Identification of Soils (Visual-Manual Procedure)	10/30/2013
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	10/30/2013
D4318	Plastic Limit of Soils (Atterberg Limits)	10/30/2013
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	10/30/2013



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Aggregate

Standard:

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R76	Reducing Samples of Aggregate to Testing Size	09/28/2017
R90	Sampling Aggregate	09/25/2015
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	10/30/2013
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	10/30/2013
T27	Sieve Analysis of Fine and Coarse Aggregates	10/30/2013
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	10/30/2013
T85	Specific Gravity and Absorption of Coarse Aggregate	10/30/2013
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	10/30/2013
T255	Total Moisture Content of Aggregate by Drying	12/19/2019
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	12/19/2019
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	10/30/2013
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	10/30/2013
C127	Specific Gravity and Absorption of Coarse Aggregate	10/30/2013
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	10/30/2013
C136	Sieve Analysis of Fine and Coarse Aggregates	10/30/2013
C566	Total Moisture Content of Aggregate by Drying	12/19/2019
C702	Reducing Samples of Aggregate to Testing Size	09/28/2017
D75	Sampling Aggregate	09/25/2015
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	10/30/2013
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	12/19/2019
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	12/19/2019



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Concrete

Standard:		Accredited Since:
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	10/31/2013
C39	Compressive Strength of Cylindrical Concrete Specimens	10/31/2013
C138	Density (Unit Weight), Yield, and Air Content of Concrete	10/31/2013
C143	Slump of Hydraulic Cement Concrete	10/31/2013
C172	Sampling Freshly Mixed Concrete	10/31/2013
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	10/31/2013
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	10/31/2013
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/31/2013
C617 (6000 psi and below)	Capping Cylindrical Concrete Specimens	02/16/2021
C1064	Temperature of Freshly Mixed Portland Cement Concrete	10/31/2013
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	10/31/2013